

Amendment
Customer No.: 24498
Serial No. 10/797,682
Page 3

LISTING AND AMENDMENTS TO THE CLAIMS

WHAT IS CLAIMED IS :

1. (currently amended) Electron gun comprising at least one emissive cathode of substantially tubular shape, held in place using support means comprising:

- an eyelet surrounding the cathode, and
- a metal plate substantially parallel to the longitudinal axis Z of the

gun comprising a central part folded so as to partially surround the eyelet, this central part having in the direction of the longitudinal axis a width L' and two side arms extending on each side of the central part, the side arms having in the direction of the longitudinal axis a width L" and being terminated by ends folded so as not to be aligned with said arms, said ends being dedicated to be inserted into a glass bead,

wherein a ~~region~~ region that connects the central part to the side arms ~~has~~ have, in the direction of the longitudinal axis, a width L which is greater than the width L" of the side arms in the same direction.

2. (currently amended) Electron gun according to claim 1, wherein said gun comprises three emissive cathodes, ~~the metal plates partially surrounding the eyelets of the cathode being all three of substantially identical weight~~ and said gun comprises the same support means for each of the three emissive cathodes.

3. (currently amended) Electron gun according to claim 1, wherein the width of the side arms in the direction of the longitudinal axis of the gun is less than half the ~~overall size~~ width L of the connecting region of the metal plate in this same direction.

Amendment

Customer No.: 24498

Serial No. 10/797,682

Page 4

4. (original) Electron gun according to claim 1, wherein the arms comprise, at their end, a part folded so as to form an angle of less than 180°.
5. (currently amended) Electron gun according to claim 1, wherein the central part has, in the direction of the longitudinal axis, ~~a region of~~ width L' which is less than the width of the ~~connection~~ connecting regions.
6. (original) Electron gun according to Claim 1, wherein the central part is indented.
7. (currently amended) Electron gun according to claim 1, wherein ~~the~~ an indentation is located in ~~the~~ an extension of the side arms.
8. (previously presented) A cathode-ray tube comprising an electron gun, said electron gun comprising at least one emissive cathode of substantially tubular shape, held in place using support means, said support means comprises:
- an eyelet surrounding the cathode, and
 - a metal plate substantially parallel to the longitudinal axis Z of the gun comprising a central part folded so as to partially surround the eyelet and two side arms extending on each side of the central part, the side arms having in the direction of the longitudinal axis a width L'' and being terminated by ends folded so as not to be aligned with said arms, said ends being dedicated to be inserted into a glass bead, wherein a region connecting the central part to the side arms have, in the direction of the longitudinal axis, a width L which is greater than the width L'' of the side arms in the same direction.